

Established 1826

TOOLS

FOR

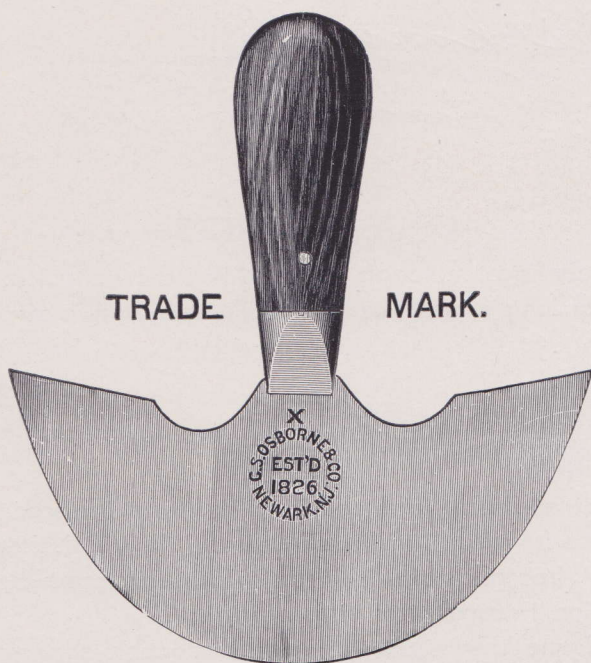
LEATHERWORKERS



CATALOG No. 53A

C. S. OSBORNE & CO.
HARRISON, NEW JERSEY
U. S. A.

CATALOGUE No. 53-A



MANUFACTURERS OF

Saddlers', Harness Makers',
and
Leather Workers' Tools

ESTABLISHED 1826

C. S. OSBORNE & CO.

(INCORPORATED)

125 JERSEY STREET

HARRISON, NEW JERSEY, U. S. A.

OUR PRODUCTS

Only the very finest materials are used in Osborne tools. Our craftsmen have the skill of long experience and are justifiably proud of the products they create.

GUARANTEE

We warrant all tools purchased from us to be perfect in material and temper, to be free from flaws and to do the work for which they are intended. We will replace, free of charge, any tool which may prove defective, if sent to us for inspection, transportation charges prepaid.

Tools which are known to have given reasonable service, or have been misused, will not be considered defective.

TERMS

In cases where parties are not known to us and do not have a satisfactory commercial rating, we require cash with order or satisfactory references to establish credit. Small orders will be shipped by Parcel Post C. O. D.

SHIPPING CHARGES

All our goods are sold F. O. B. Harrison, N. J. at consignee's risk when in transit.

AWLS



- No. 1. Awls with Octagon Rosewood Handles, Blade $4\frac{1}{2}$ inches, Overall $8\frac{1}{2}$ inches.



- No. 2. Pad Awls, Blade 4 inches, Overall 8 inches.

- No. 2-S. Seat Awls, Blade 4 inches, Overall 8 inches.



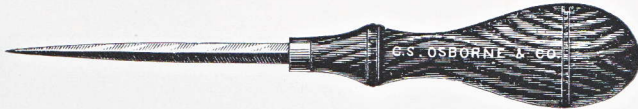
- No. 3. Pad Awls, Shouldered, not Riveted, Blade 4 inches, Overall 8 inches.

- No. 3-R. Pad Awls, Shouldered, Riveted, Blade 4 inches, Overall 8 inches.



- No. 5. Drawing Awls, Riveted Handles, Blade 5 inches, Overall 9 inches.

- No. 5-S. Drawing Awls, Riveted Handles, Small, Blade 5 inches, Overall 9 inches.



- No. 6. Thong Awls, Rosewood Handles.

Blade $\frac{1}{4}$ inch wide, 3 inches long, not riveted
 Blade $\frac{1}{4}$ inch wide, 3 inches long, riveted
 Blade $\frac{5}{16}$ inch wide, $3\frac{1}{2}$ inches long, riveted
 Blade $\frac{3}{8}$ inch wide, $3\frac{1}{2}$ inches long, riveted

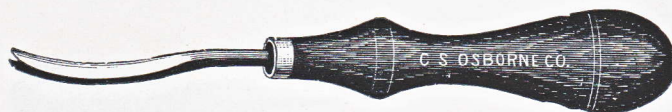


- No. 8. Collar Awls, Riveted Handles.

Small ----- $4\frac{1}{4}$ inch Blade, 8 inches Overall
 Medium ----- $5\frac{1}{4}$ inch Blade, 9 inches Overall
 Large ----- 6 inch Blade, $9\frac{3}{4}$ inches Overall

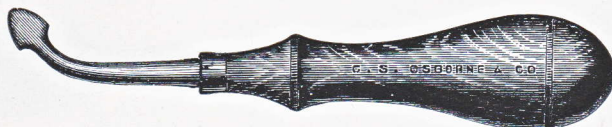


- No. 9. Heavy Pad Awls, Blade $4\frac{1}{4}$ inch, Overall 8 inches, Rosewood Handles.



No. 91½. Strip Awls, Hardwood Handles.

TICKLERS

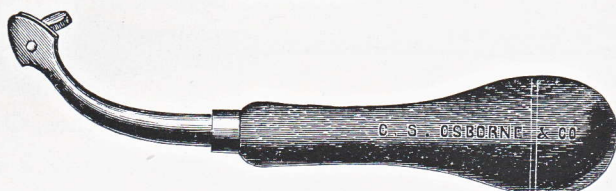


No. 12. Single Ticklers, Hardwood Handles, Sizes 1, 2, 3, 4.



No. 13. Single Ticklers, Octagon, Rosewood Handles, Sizes 0, 1, 2, 3, 4.

CREASERS



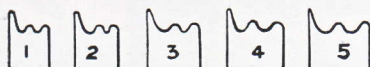
No. 18. Screw Creasers, Hardwood Handles, Large and Small.



No. 20. Wood Creasers, Lignumvitae, 4 Sizes on each Creaser.



No. 21. Single Edge Creasers, Hardwood Handles, Sizes 1, 2, 3, 4, 5.



No. 21½. Double Edge Creasers, Hardwood Handles, Sizes 1, 2, 3, 4, 5.



Forged Steel

No. 22. Single Edge Creasers, Octagon, Rosewood Handles, Sizes 1, 2, 3, 4, 5.



Forged Steel

No. 22½. Double Edge Creasers, Octagon, Rosewood Handles, Sizes 1, 2, 3, 4, 5.



No. 23. Steel End Creasers, Rosewood Handles, to crease four sizes.



Forged Steel

No. 24½. Layer Creasers, Octagon, Rosewood Handles, Sizes 0, 1, 2, 3, 4, 5.



No. 25. Creasing Iron. A popular tool for luggage and heavy leather goods manufacturers.

Size 1, 1/32 inch, size 2, 3/64 inch, size 3, 5/64 inch, size 4, 3/32 inch. Larger sizes made to order.

CREASING IRON HANDLES

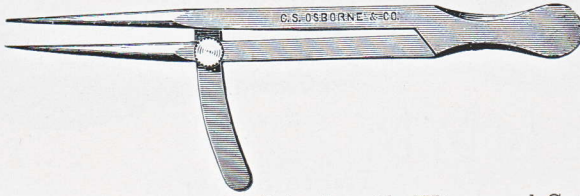


No. 25-H. Handles. A sturdy wood handle with ferrule to stand hard use. Made in sizes 6, 8 and 10 inches.

COMPASSES



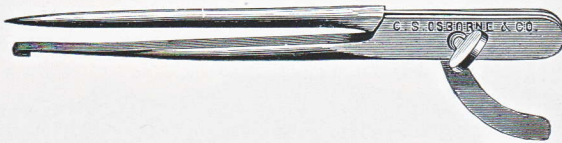
No. 26. Saddler's Steel Compasses, Polished, 6 inches.



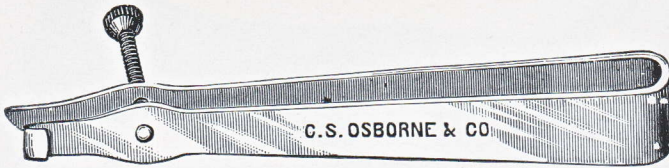
- No. 27. Saddle's Compasses, Polished, with Wing and Set Screw, Length 6 inches.



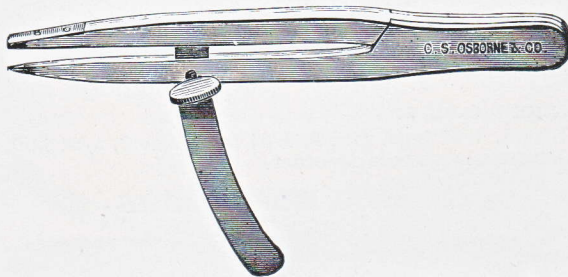
- No. 28. Utility Compasses, Polished, Sizes 6 and 8 inches.



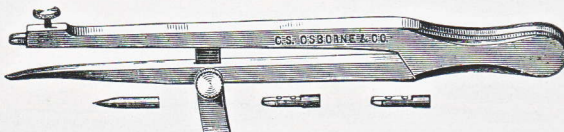
- No. 29. Patent Leather Compasses, Polished, Length $5\frac{1}{2}$ inches.



- No. 29 $\frac{1}{2}$. Spring Patent Leather Compass, or Shoemaker's Groover, Polished, Length 5 inches.

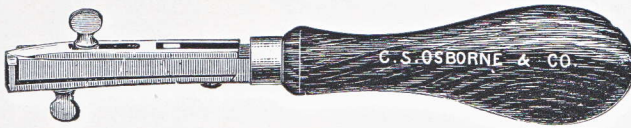


- No. 30. Patent Leather Compasses, Polished, Sizes 1, 2, 3, 4, Length $5\frac{1}{4}$ inches.



- No. 30 $\frac{1}{2}$. Patent Leather Compasses, Polished, one point and three scratches, small, medium and large, Length 6 inches.

CHANNELERS



No. 31. Channelers, Rosewood Handles.

PRICKING AND OVERSTITCH WHEELS



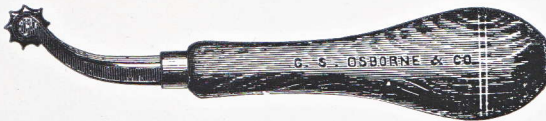
No. 35. Stationary Pricking Wheels, made in sizes 5 to 12.



No. 36. Hollow Handle Pricking Carriages, Screw Top.



No. 37. Small Pricking Wheels to go in No. 36 Carriage, made in Sizes 5, 6, 7, 8, 9, 10, 11, 12.



No. 40. Stationary Finishing (Overstitch) Wheels, Octagon Carriage. Regular or Thin.

No. 40-R. Stationary Finishing (Overstitch) Wheels, Round Shank, Black Handles. Sizes 5, 6, 7, 8, 9, 10, 11, 12.

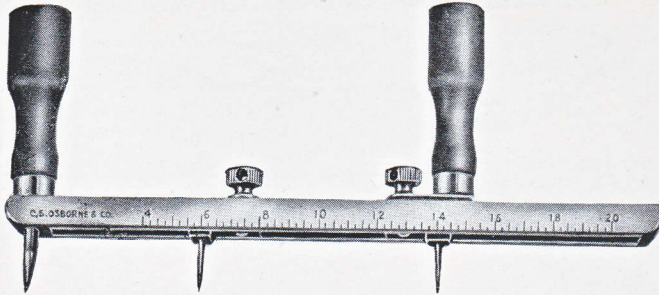


No. 40½. Hollow Handle Octagon Carriage for Finishing Wheels, Screw Top.

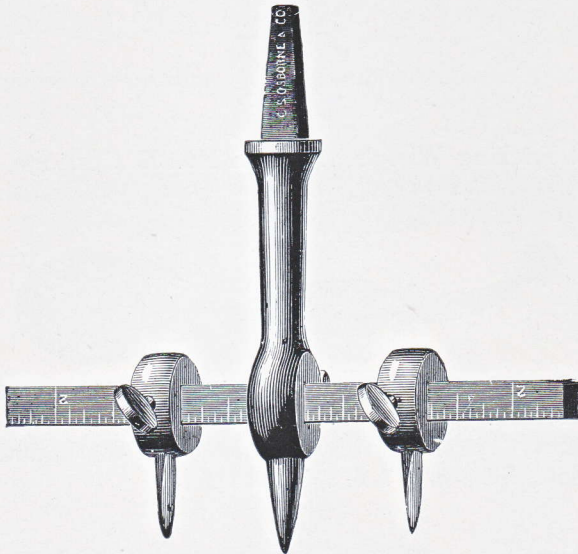


- No. 41. Overstitch or Finishing Wheels for No. 40 $\frac{1}{2}$ Carriage, made in Sizes 5, 6, 7, 8, 9, 10, 11, 12.

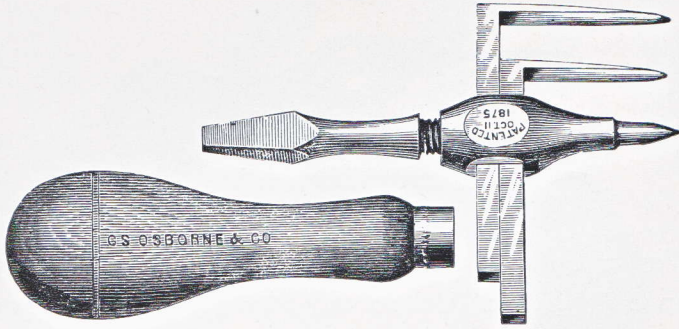
WASHER CUTTERS



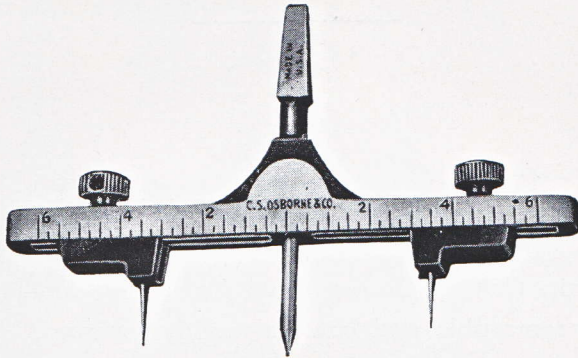
- No. 44. Washer Cutter for use in cutting larger washers by hand. Cuts from 4 inch to 20 inch diameter gaskets. Tempered tool steel blades. Can be replaced when worn out.



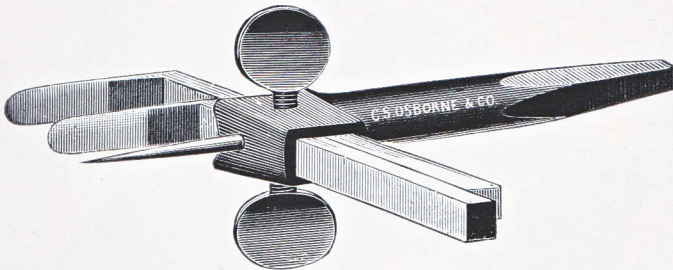
- No. 45. Washer Cutters. Cut washers up to 5 inches. Larger sizes are made to order. Blades, when worn out, can be replaced at slight cost instead of purchasing a new Washer Cutter. The shank, cross-bar and blades are polished. The brass holders are easily adjusted with wing screws—the blades are threaded and held rigidly.



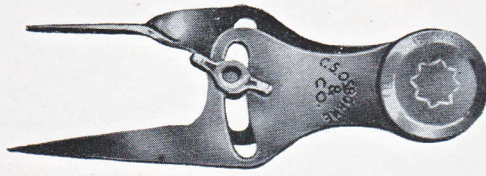
- No. 47. Washer Cutters. "Kirkland's Patent" Washer Cutter cuts washers up to 5 inches. Can be used either by hand or with a brace. Very easily adjusted by loosening and tightening the threaded shank. Blades are forged from a fine quality crucible tool steel, polished complete. Rosewood Handle.



- No. 48. Washer Cutter for use with a brace. Will cut washers from $\frac{7}{8}$ inch to 6 inches. Can be used on leather, rubber and similar materials. Body of malleable iron. Blades of carefully tempered tool steel.



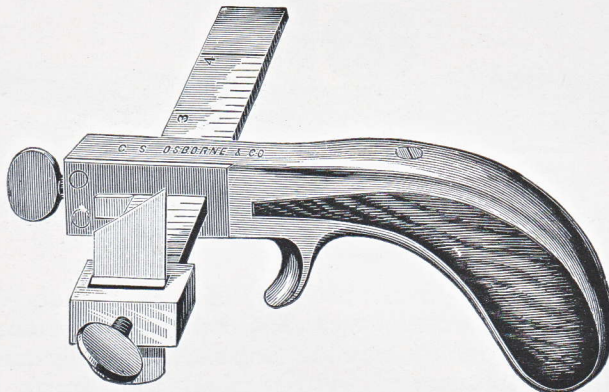
- No. 350. Washer Cutters. This is probably the most popular Washer Cutter made. It cuts washers up to $6\frac{1}{2}$ inches. Blades are hand forged from a good quality crucible tool steel, carefully tempered, hardened and polished. Easily adjusted with thumb screws. The steel centering pin is hand forged and durable. Shank and screws are japanned.



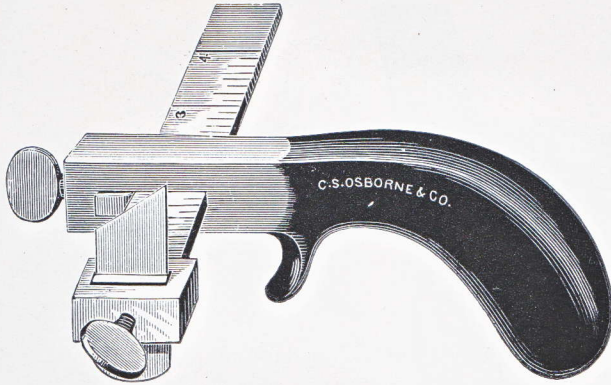
- No. 422. Washer Cutters. Haggerty's Pocket Washer Cutter cuts washers up to $3\frac{3}{4}$ inches. This is a very handy tool to carry in one's pocket, easily operated. One wing acts as a centering pin and the other as a cutter—very much like a compass. Completely nickel plated.

DRAW GAUGES

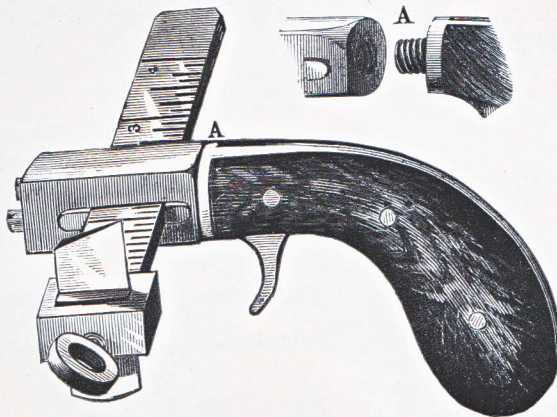
A pistol grip Cutting Gauge, used for cutting leather straps. The Blade is easily removable and can be readily replaced. The adjustable slide is held firmly in position by a wedge and set screw. We furnish this Gauge with slides 4 and 6 inches. The slide is made of Forged Steel and will give years of service.



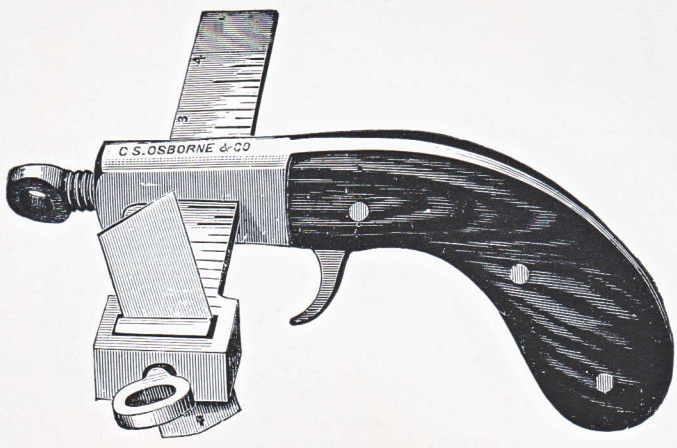
- No. 51. Draw Gauges, Brass Frame, Inlaid Rosewood Handle.



No. 51 $\frac{1}{2}$. Patent Hollow Handle Draw Gauges, all Metal, polished Head and Slide, Jappanned Handle.

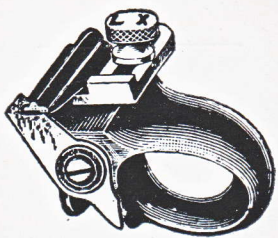


No. 52. Latta's Draw Gauge, Rosewood Handle. The Slide is adjusted by hand grip.



No. 52½. Draw Gauges, Iron Frame, Rosewood Handle, Polished complete.

LACE CUTTER



No. 68. Will cut to uniform width any leather up to 1/8 in. thickness and from 3/16 to 3/4 wide.

HAMMERS



No. 54. Shoe Hammers, Steel Forged. White Hickory Handles. Polished Head and Face.

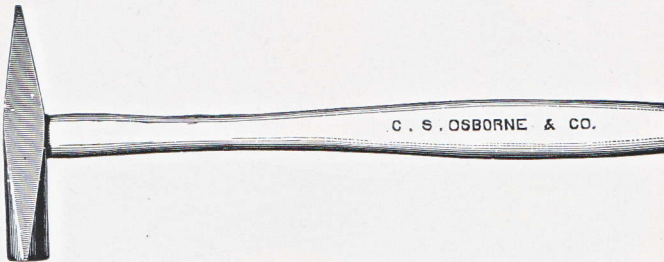
Size, Nos.	000	00	0	1	2	3	4	5
Weight, each, ounces	10	12	15	16	17	18	24	25



- No. 55. French Saddler's Hammers, Oval Rosewood Handles, riveted through the steel shank. Head and Handle are Steel Forged—one piece—Highly Polished. Length of Head $5\frac{3}{4}$ inch. Diameter of Face $1\frac{1}{2}$ inch. Weight 16 oz.



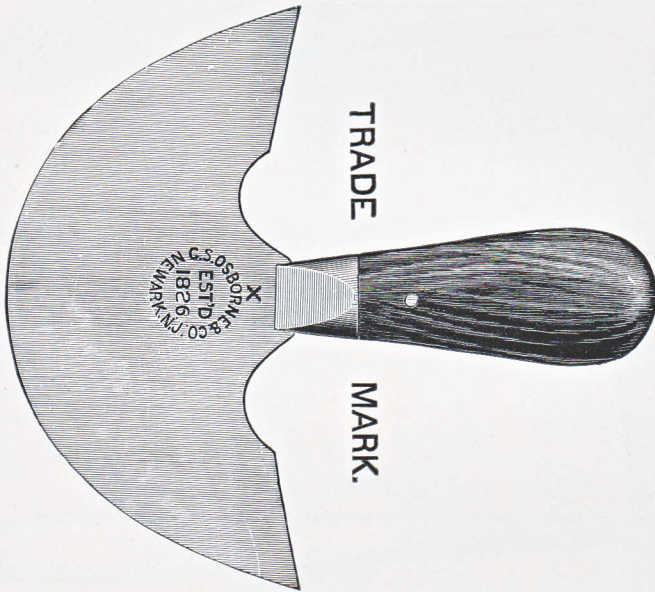
- No. 56. Saddler's Hammers, Forged Steel, Polished, Steel Strapped White Hickory Handle. Length of Head $5\frac{3}{4}$ inch. Diameter of Face $\frac{5}{8}$ inch. Weight, 10 oz.



No. 57.	Riveting	Hammers—Steel	Forged—White	Hickory	Handles.
		Length of	Diam. of	Weight of	
Size No.		Head	Face	Head	
000		3 in.	$\frac{3}{8}$ in.	2 oz.	
00		$3\frac{3}{8}$ in.	$\frac{3}{8}$ in.	3 oz.	
0		$3\frac{5}{8}$ in.	$\frac{7}{16}$ in.	4 oz.	
1		4 in.	$\frac{1}{2}$ in.	5 oz.	
2		$4\frac{1}{4}$ in.	$\frac{9}{16}$ in.	7 oz.	
3		$4\frac{1}{2}$ in.	$\frac{5}{8}$ in.	8 oz.	
4		$4\frac{3}{4}$ in.	$\frac{3}{4}$ in.	9 oz.	
5		$5\frac{1}{4}$ in.	$\frac{7}{8}$ in.	16 oz.	
6		$5\frac{1}{2}$ in.	$\frac{15}{16}$ in.	18 oz.	

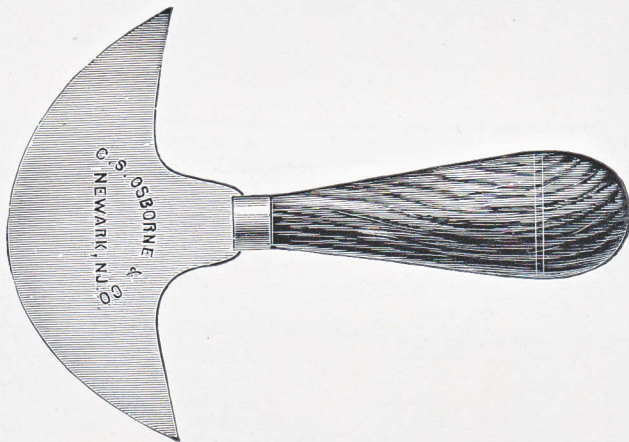
KNIVES

All our knives are made of the best quality Sheffield Steel and fitted with Rosewood Handles and Brass Ferrules. Highly Polished Blades.

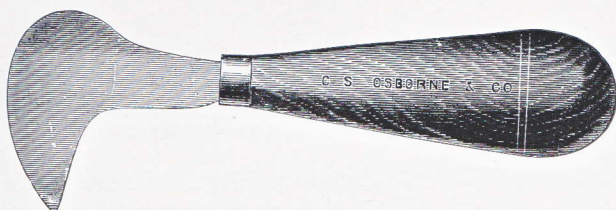


No. 70. Round Knives, Oval Rosewood Handle. Made in the following sizes:

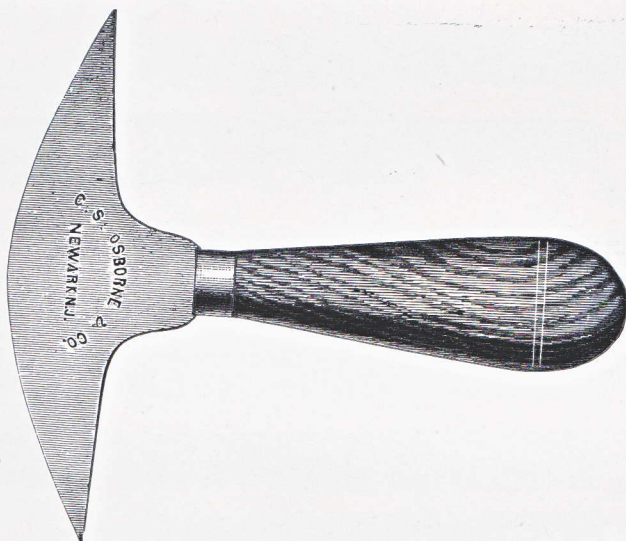
Small, 5 inch, Regular 6 inch, Large X, 6½ inch



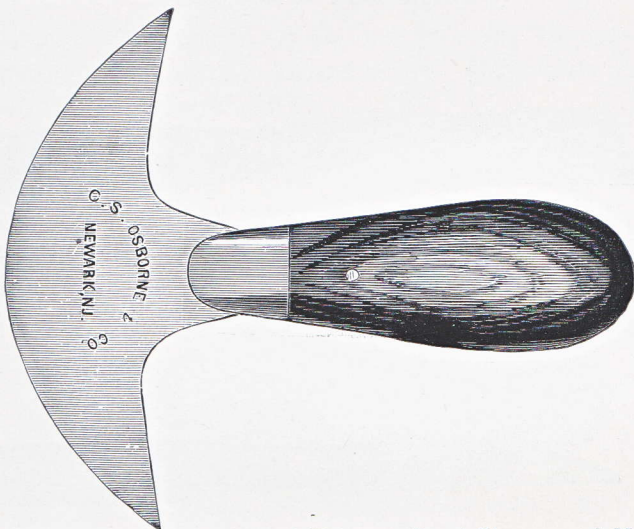
No. 71. Head Knives. Blade 4½ inches from point to point; 2⅜ inches from center of cutting edge to brass ferrule. Round or Oval Rosewood Handle.



No. 73. Lead, Glass, or Leather Knives. Round or Oval Rosewood Handle. Used by both Art Glass and Leather Workers.



No. 74. Odd Head Knives, Round or Oval Rosewood Handles. Blade $4\frac{1}{2}$ inches from point to point; $1\frac{3}{4}$ inches from center of cutting edge to brass ferrule.



No. 75. Philadelphia Pattern Head Knives, Oval Rosewood Handles, Blade $4\frac{5}{8}$ inches from point to point; $1\frac{7}{8}$ inches from center of cutting edge to brass ferrule.



- No. 76. Square Point Knives. A fine quality Trimmers' Knife, Round Rosewood Handle, Riveted and Brass Ferrule. Blade measures $\frac{3}{4}$ inch wide by $3\frac{3}{4}$ long.



- No. 76 $\frac{1}{2}$. Square Point Knives. Trimmers' and Upholsterers' Knife, White Handle, Pinned Blade measures $\frac{5}{8}$ inch wide, by $3\frac{7}{8}$ long.



- No. 77. Square Point Knives. Made with flat beveled Rosewood Handle, riveted through a flat steel shank which extends half way to end of handle. Blades $\frac{3}{4}$ x $3\frac{3}{4}$ inches.



- No. 78. Broad Point Knives. This knife is made with a larger blade than No. 76. Blade measures $1\frac{1}{8}$ x 5 inches. The handle is Round Rosewood with Brass Ferrule. Riveted.



- No. 79. Cap Knives. A fine quality, sharp point Knife, made similar to the No. 76. Blade measures $\frac{5}{8}$ x $3\frac{5}{8}$ inches.

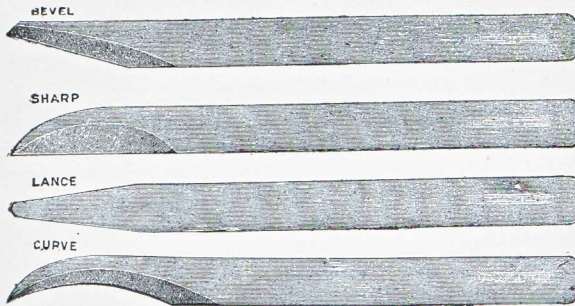


- No. 791½. Cap Knives. Sharp point Knife, White Handle, Pinned Blade, measures $\frac{5}{8}$ inch wide, by $3\frac{7}{8}$ inches long.



- No. 80. Cap Knives. This sharp point Knife is made similar to No. 77. The Blade measures $\frac{5}{8}$ x $3\frac{3}{4}$ inches.

All straight Knives are made of finest Sheffield Steel. Packed 1 dozen.



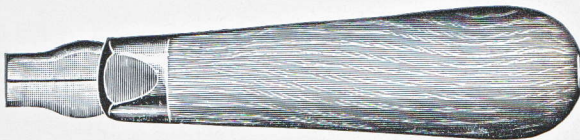
- No. 259. Extension Blades. Carefully ground and tempered blades for cutting leather and similar materials. $4\frac{3}{4}$ inches long, 20 gauge steel. Made in three widths.

Size 0— $18/64$ inch

Size 1— $21/64$ inch

Size 2— $24/64$ inch

Be sure to specify size and style.

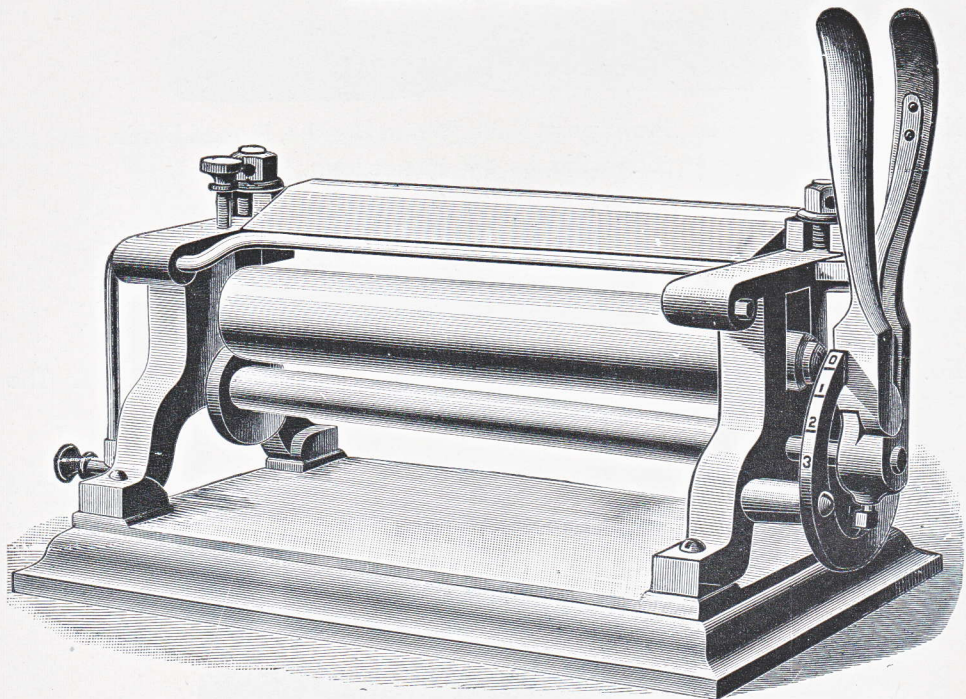


- No. 460. Blade Handle for use with replaceable extension blades shown above.

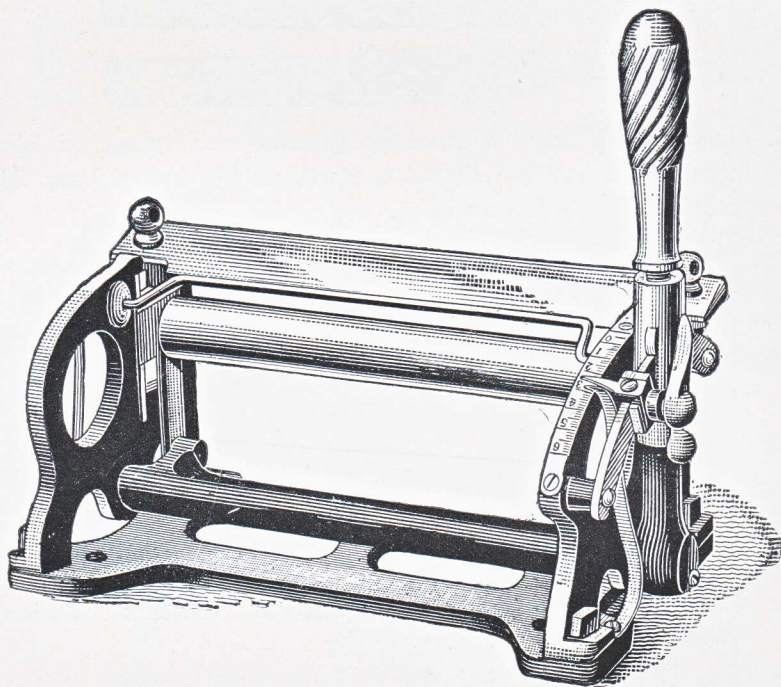
Size A—for No. 0 blade

Size B—for No. 1 and 2 blades.

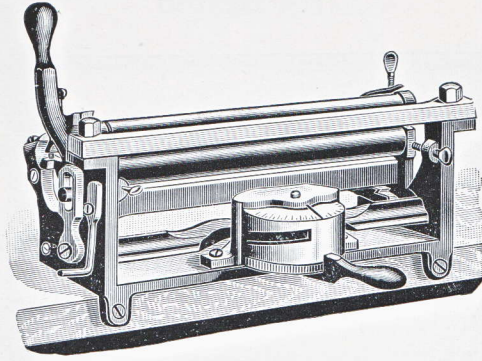
SPLITTING MACHINES



No. 83. Spitler's Combination Splitter and Lap Skiving Machine. Made in sizes 6, 8, 10 inches.



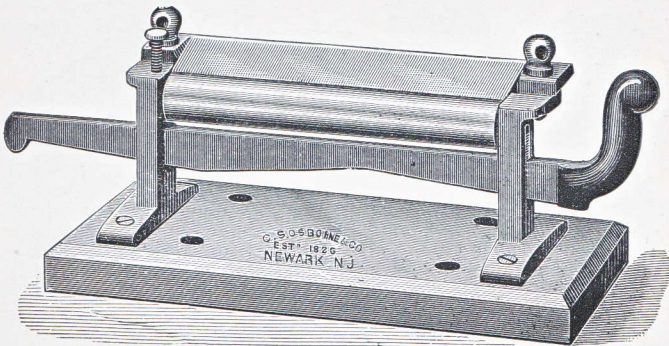
No. 84. Keystone Splitting Machine, 8 inch Blade.



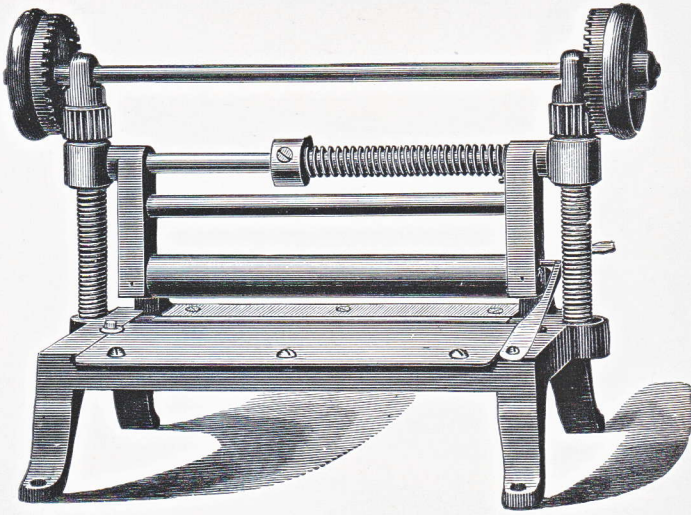
No. 85. Kreb's Splitting and Skiving Machine, $8\frac{1}{2}$ inch Blade.



No. 86. Iron Frame Splitting Machine, made in sizes 6, 8, 10, 12 inches.

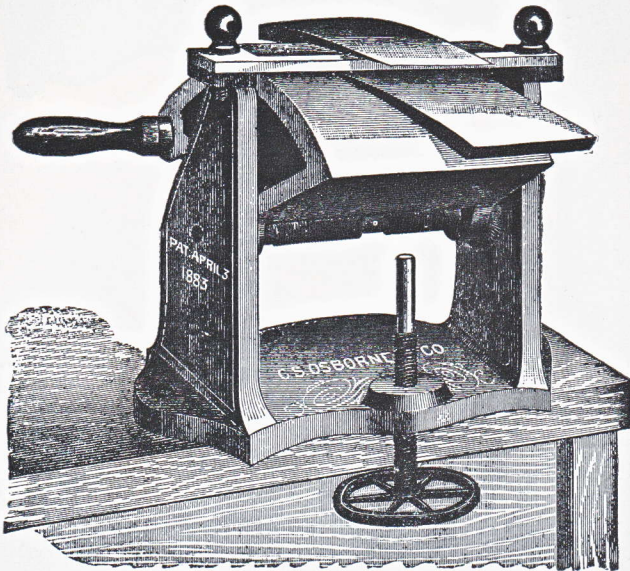


No. 87. Wood Bottom Splitting Machine, made in sizes 6, 8 inches.



No. 171. Chase Pattern Splitting Machine, made in sizes 8, 10, 12 inches.

LAP SKIVER



No. 180. Dixon's Patent Lap Skiver, Blade $4\frac{1}{2}$ inches. To make a long lap, lower the eccentric; to make a short lap, raise the eccentric; adjust with two front screws.

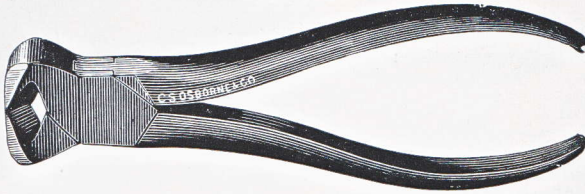
COLLAR PALM



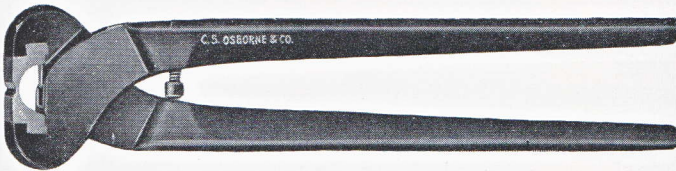
No. 93. Collar Palms, Polished Complete.

No. 93-H. Collar Palms, with Hole, Polished Complete.

NIPPERS

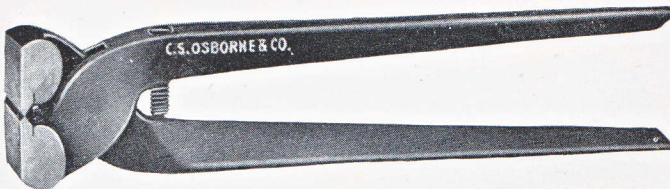


No. 94. Cutting Nippers, Drop Forged, Solid Jaws, Polished, Box Joint. Length 6 inches; weight 6 ounces; width of Jaw $1\frac{1}{8}$ inches.



No. 97. Cutting Nipper. A heavy forged steel end cutting nipper, box joint, made with replaceable jaws. Adjustable set screw prevents cutters from damaging each other. Extra jaws can be furnished for all sizes.

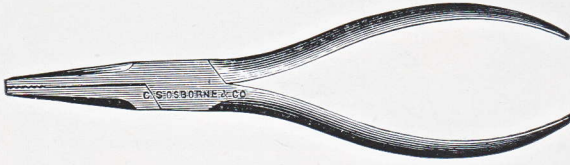
Size	8"	10"	12"	14"
Weight, each, lbs.	$1\frac{1}{2}$	2	$2\frac{1}{2}$	$3\frac{1}{2}$



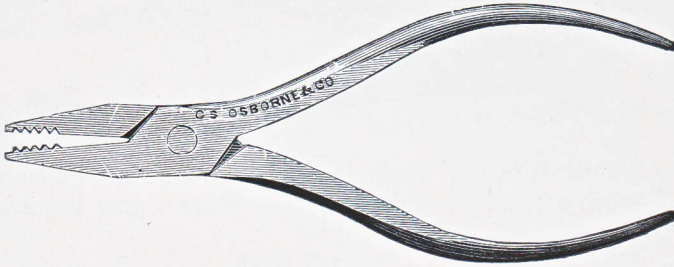
No. 97 $\frac{1}{2}$. Cutting Nipper. Made of malleable iron with replaceable tool steel jaws. Box joint, adjustable set screw. Extra blades can be furnished for all sizes.

Size	6"	8"	10"	12"
Weight, each, lbs.	$\frac{1}{2}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$

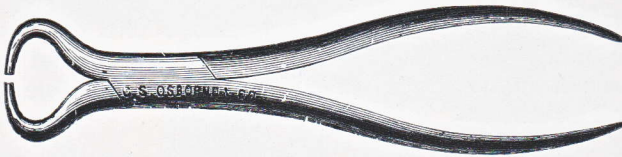
PLIERS



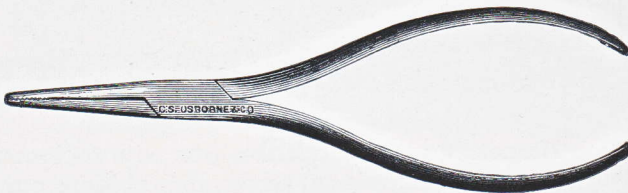
- No. 98. Saddler's Steel Pliers. Flat Nose, Drop Forged from a good quality tool steel. Polished complete. Jaws are scored inside. Carefully designed to fit the hand. Also used by baseball manufacturers. Made in sizes **6** and **7** inches.



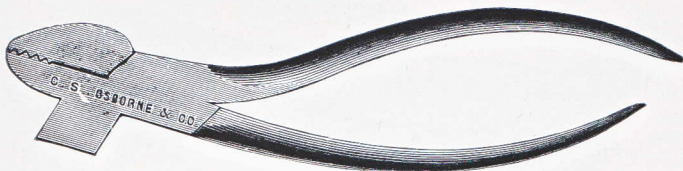
- No. 99. Pincer Pliers, Drop Forged, Polished Complete. Sharp Milled Teeth insure firm grip. Made in sizes **6** and **7** inches.



- No. 102. Pad Screw Pliers, Steel Forged, Black Handles, Polished Jaws. Length **6** inches.

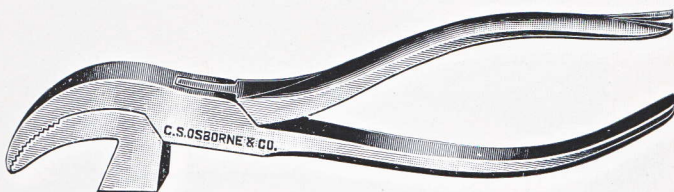


- No. 103 $\frac{1}{2}$. Lacing Pliers, Steel Forged. Single Joint, Full Polished. Length Overall **6** inches; length of Jaws **1 $\frac{7}{8}$** inches; width of Jaws **$\frac{1}{4}$** inch.



No. 104. Saddlers' Pincers, 18 ounce, Length 8 inch, Width of Jaw $\frac{5}{8}$ inch.

No. 105. Saddlers' Pincers, 14 ounce, Length 8 inch, Width of Jaw $\frac{11}{16}$ inch.
Steel Forged, Box Joint, Full Polished.



No. 233. Lasting Pincer, Timmins Pattern, Steel Forged, Box Joint, Full Polish. Weight 11 ounces. Length 8 inches. Width of Jaw $\frac{3}{8}$ inch.



No. 117. Steel Stuffers. Blade 12 x 1 inch, Hand Forged.



No. 120. Rivet Sets, Full Polish, Steel Forged.

No. 120-B. Rivet Sets, Black Finish, Steel Forged.

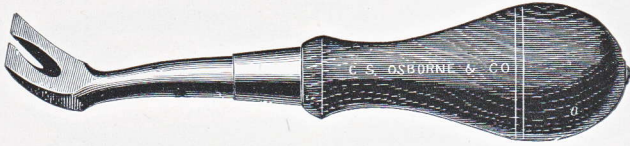
Sets Copper Rivets—Size 00 to 12 inclusive. Size of Rivet governs size of Rivet Set.

CLAW TOOLS

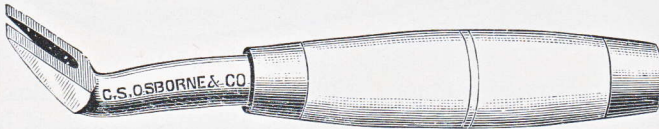


No. 122. Claw Tools, especially adapted for lifting tacks and small nails. Drop Forged Steel Blade. Rosewood Handle. Length, $6\frac{1}{2}$ inches. Weight, 2 lbs. per dozen.

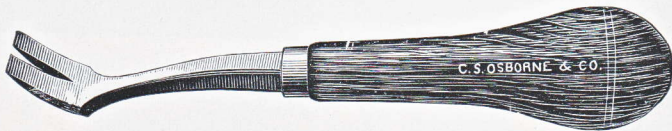
No. 122 $\frac{1}{2}$. Lighter Weight same pattern. Black Handle. Length, 6 inches; Weight, $1\frac{1}{2}$ lbs. per dozen.



- No. 123. Claw Tools. Extra Heavy Claw Tool. Drop Forged Steel Blade. The tang runs through the Rosewood Handle and is riveted. The Steel Ferrule makes this tool very durable. Length, $7\frac{1}{4}$ inches. Weight, $3\frac{1}{2}$ lbs. per doz.



- No. 123 $\frac{1}{2}$. Claw Tools. Boss Claw Tool. Drop Forged. Shank $\frac{1}{2}$ inch diameter. White Hickory Handle with two heavy steel Ferrules. Length, 8 inches. Weight, 5 lbs. per dozen.

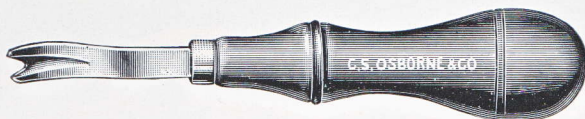


- No. 124. Claw Tools, Octagon Riveted Shank. The tang runs through the Handle and is riveted. Length $5\frac{3}{4}$ inches. Weight $1\frac{1}{2}$ lbs. per doz.



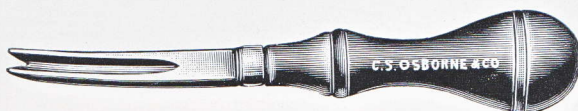
- No. 124 $\frac{1}{2}$. Claw Tools, French pattern (note the heel), Drop Forged, Rosewood Handle. The tang runs through the handle and is riveted. Length, 6 inches. Weight, 2 lbs. per dozen.

EDGE TOOLS



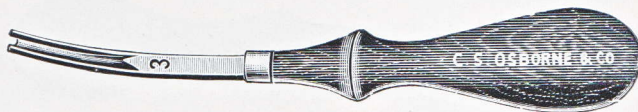
No. 125. Common Edge Tools. Hardwood Handle.

Nos. -----	0	1	2	3	4	5	6
Width, inches ---	1/8	9/64	5/32	3/16	13/64	7/32	1/4



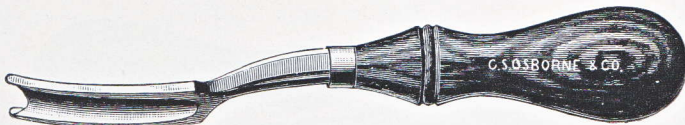
No. 126. Best Edge Tools.

Nos. -----	0	1	2	3	4	5	6
Width, inches ---	1/16	3/32	1/8	5/32	3/16	7/32	1/4



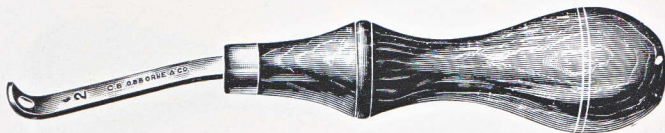
No. 126 1/2. Round Edgers.

Nos. -----	0	1	2	3	4	5	6
Width, inches ---	1/32	1/16	1/8	3/16	1/4	5/16	3/8



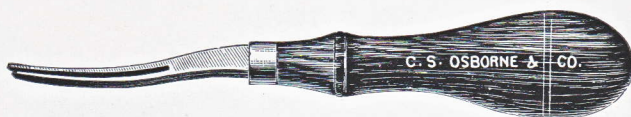
No. 127. Round Edge Trimming Tools.

Nos. -----	1	2	3	4	5
Width, inches -----	1/8	3/16	1/4	5/16	3/8



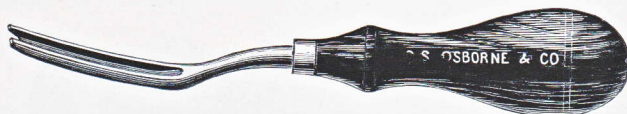
No. 127 1/2. Bissonnette Edge Tools.

Nos. ----	00	0	1	2	3	4	5	6
Width, inches	1/16	5/16	3/32	7/64	9/64	11/64	3/16	13/64



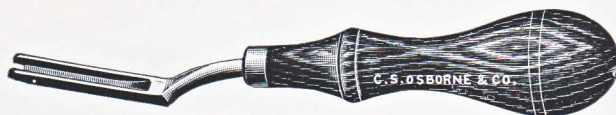
No. 128. Flat Edge Tools.

Nos. -----	1	2	3	4	5	6
Width, inches -----	1/64	1/32	3/64	1/16	5/64	3/32



No. 129. English Edge Tools.

Nos. -----	1	2	3	4	5	6
Width, inches -----	1/32	1/16	3/32	1/8	5/32	3/16



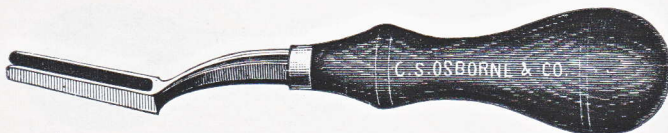
No. 130. French Edge Tools.

Nos. -----	0	1	2	3	4	5	6	7	8
Width, inches	1/32	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2



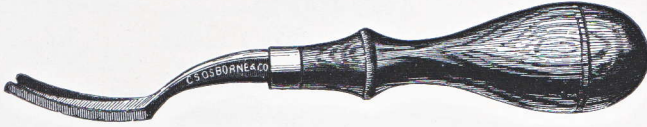
No. 131. New Style Edge Tools.

Nos. -----	0	1	2	3	4	5	6
Width, inches -----	1/64	1/32	3/64	1/16	5/64	3/32	7/64



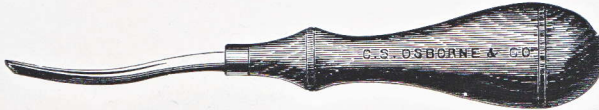
No. 132. French Edge Tools, Octagon.

Nos. -----	0	1	2	3	4	5	6	7	8
Width, inches	1/32	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2



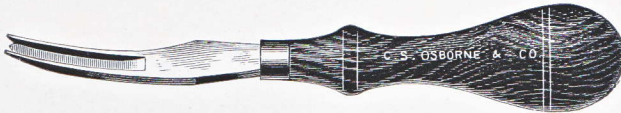
No. 132 1/2. French Edge Tools, Octagon, Bent.

Nos. -----	0	1	2	3	4	5	6	7	8
Width, inches	1/32	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2



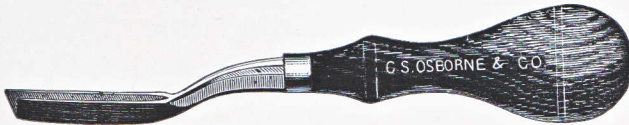
No. 134. Patent Leather Tools.

Nos. -----	1	2	3	4	5	6
Width, inches	1/64	1/32	3/64	1/16	5/64	3/32

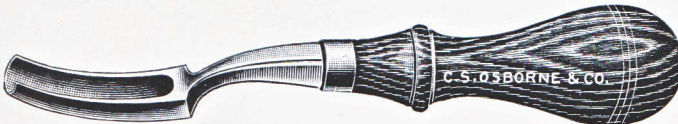


No. 135. Saddlers' Carving Tools.

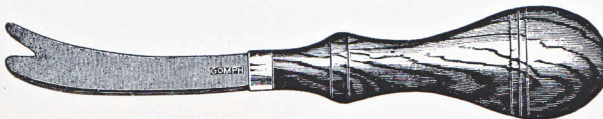
Width, inches -----	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2
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No. 136. V Tools, Octagon. 1/4" Wide at Top.



No. 0136. Buckle Tongue Gouge or U Tools. 7/32 wide at top.



No. 137. Rein Trimming Tools. 5/16" wide at points.

All Edge Tools are approximately six inches long.

AWL HAFTS

No. 140. Flat Rosewood Awl Hafts.

No. 140½. Flat Hardwood Awl Hafts, Black Finish.

Fitted with long brass taper ferrules.



No. 141. Round Hardwood Awl Hafts, Black Finish.

No. 141R. Round Rosewood Awl Hafts.

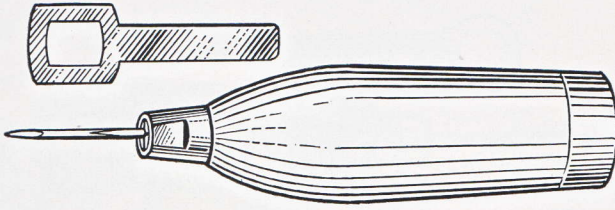
Fitted with long brass taper ferrules.



No. 141½. Oval Hardwood Awl Hafts, Black Finish.

No. 141½R. Oval Rosewood Awl Hafts.

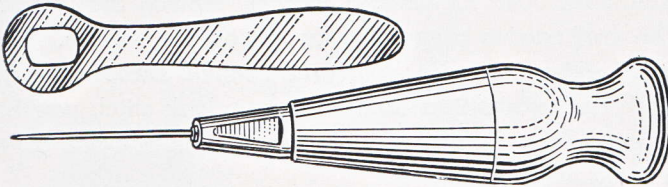
Fitted with long brass taper ferrules.



No. 143. Peg Awl Haft, Leather Tipped. Made in two sizes. Regular and large.



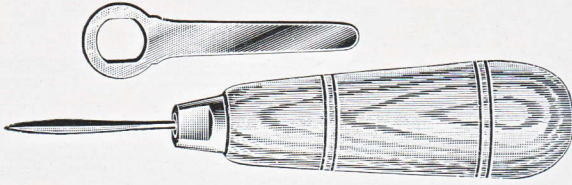
No. 144. Shoe Awl Hafts, Yellow Finish, Brass Ferrule.



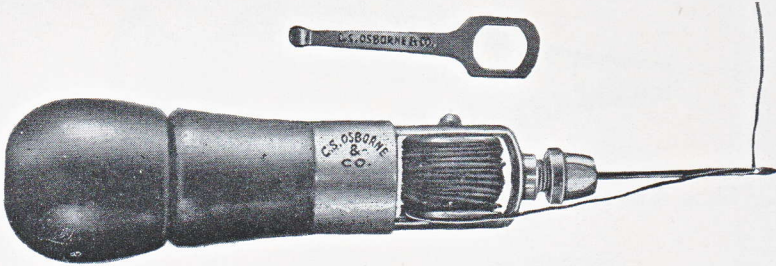
No. 145. Sewing Awl Haft with Wrench.



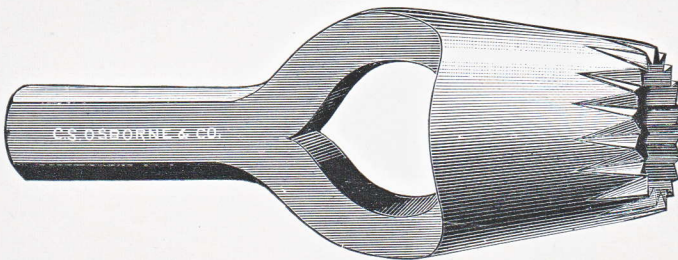
No. 146. Patent Awl Hafts, Rosewood, Best Quality, Riveted.



No. 146 $\frac{1}{2}$. Patent Awl Hafts, Maple, Natural finish.



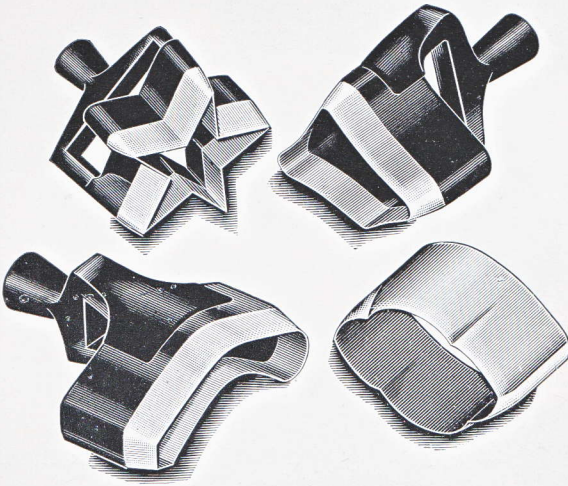
No. 413. Automatic Awl for sewing leather, canvas and similar materials. The awl carries a spool of thread on the handle. Hollow handle holds extra curved needle and wrench. Directions furnished with each awl explaining how automatic lock stitch can be effected in repair work. Furnished with one straight and one curved diamond pointed needles.



No. 139. Rosette Cutters, $\frac{1}{2}$ inch to 2 inch, Diamond or Scallop. Rosette Cutters, Larger Sizes made to order.

When Ordering State Whether You Want A or B Pattern.

CUTTING DIES

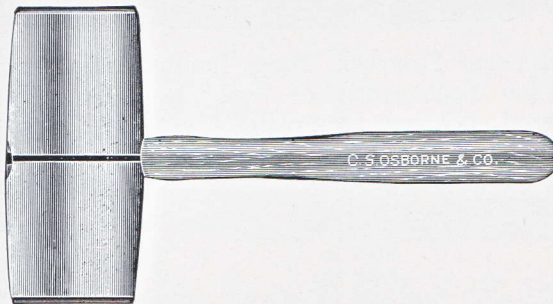


Superior Quality
Carefully Tempered
Guaranteed

Cutting Dies of all kinds.
Prices vary according to size
and shape. Send patterns
and prices will be quoted
promptly.

Use a wooden or rawhide
mallet — do NOT use a
hammer.

WOOD MALLETS



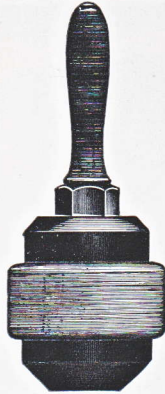
No. 89. MALLETS—ROUND—Lignum-Vitae

No. -----	2	3	4	5
Weight -----	1 lb. 10 oz.	1 lb. 1 oz.	14 oz.	10 oz.
Size -----	3x5"	2½x4½"	2¼x4¼"	2x4"

No. 89½. MALLETS—ROUND—Hickory—Heavy

No. -----	2	2 ½	3	3 ½	4
Weight -----	1 lb. 14 oz.	1 lb. 5 oz.	1 lb. 4 oz.	14 oz.	12 oz.
Size -----	3x6"	2¾x5¾"	2½x5½"	2¼x5¼"	2x5"

RAWHIDE MALLETS



No. 165 $\frac{1}{2}$. Rawhide Mallets, Leather Handles

No.	0	1	2	3	4	5	6
Lbs.	1 $\frac{1}{2}$	2 $\frac{1}{2}$	4 $\frac{1}{2}$	6	7 $\frac{1}{2}$	9 $\frac{1}{2}$	11 $\frac{1}{2}$

These Mallets are extensively used with Cutting Dies, Punches, Setting Dies and are useful in many different ways.

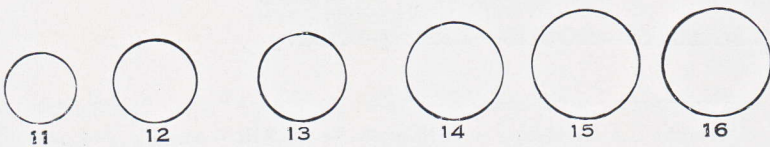
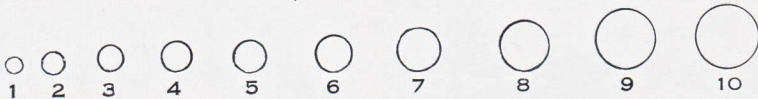
Made of the best hydraulic pressed raw-hide. Durable, elastic and economical.

PUNCHES

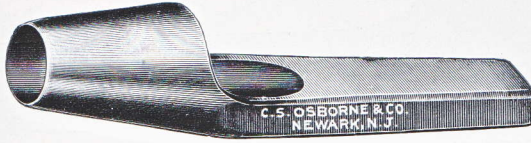


No. 147. Round Drive Punches. These Round Drive Punches are forged from the best grade of Tool Steel, carefully hardened and tempered, polished complete. The hole tapers back from the cutting edge so that the punchings clear freely and require only a light blow with a mallet to have them cut with ease.

Size	No.	Diam. of Cut	Size	No.	Diam. of Cut
	0	5/64 in.		9	9/32 in.
	1	3/32 in.		10	5/16 in.
	2	7/64 in.		11	23/64 in.
	3	1/8 in.		12	13/32 in.
	4	5/32 in.		13	7/16 in.
	5	11/64 in.		14	15/32 in.
	6	3/16 in.		15	33/64 in.
	7	7/32 in.		16	9/16 in.
	8	1/4 in.			



Cuts are actual size of hole punched.



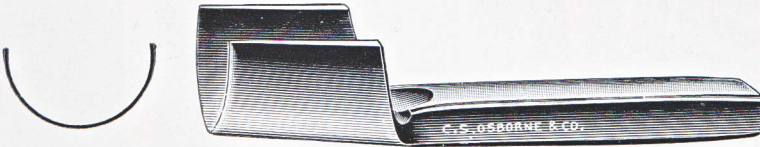
No. 148. Round Drive Punches (Large). When larger size punches than No. 147 are required, this fine quality Hand Forged Punch recommended for Sizes $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 inch diameter. This Punch, like No. 147, is made with taper clearance.

Special Sizes made to order at slight additional cost.



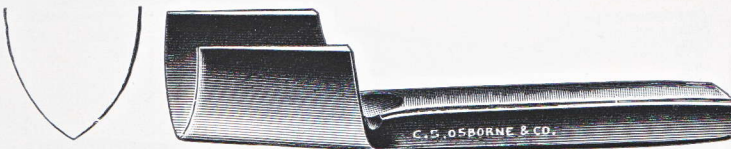
No. 149. Round Punches—Arch Handle. Hand Forged Punch especially constructed for heavy work. Made in sizes from $\frac{1}{2}$ inch to 4 inch diameter. Polished barrel, black finish handle. Taper clearance.

Special Sizes Made to Order.



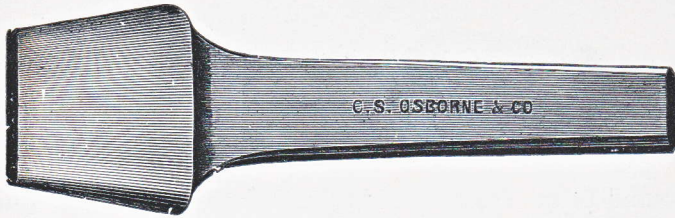
No. 150. Strap End Punches, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{8}$, $1\frac{1}{4}$, $1\frac{3}{8}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2 inch.

Special Sizes Made to Order.



No. 0150. English Point Strap End Punches, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{8}$, $1\frac{1}{4}$, $1\frac{3}{8}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2 inch.

Special Sizes Made to Order.



No. 151. Bag or Oblong Punches. Hand Forged. Taper clearance. Polished complete. Used extensively by Leather Bag and Strap Manufacturers.

SIZES

Length	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{1}{8}$	inch.
Width	$\frac{5}{64}$	$\frac{3}{32}$	$\frac{7}{64}$	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{5}{32}$	$\frac{5}{32}$	$\frac{11}{64}$	
Length	$\frac{1}{4}$	$\frac{13}{8}$	$\frac{1}{2}$	$\frac{15}{8}$	$\frac{13}{4}$	$\frac{17}{8}$	2	inch.	
Width	$\frac{11}{64}$	$\frac{3}{16}$	$\frac{13}{64}$	$\frac{7}{32}$	$\frac{7}{32}$	$\frac{1}{4}$	$\frac{1}{4}$		

Order by length measurement.

Special Sizes Made to Order.

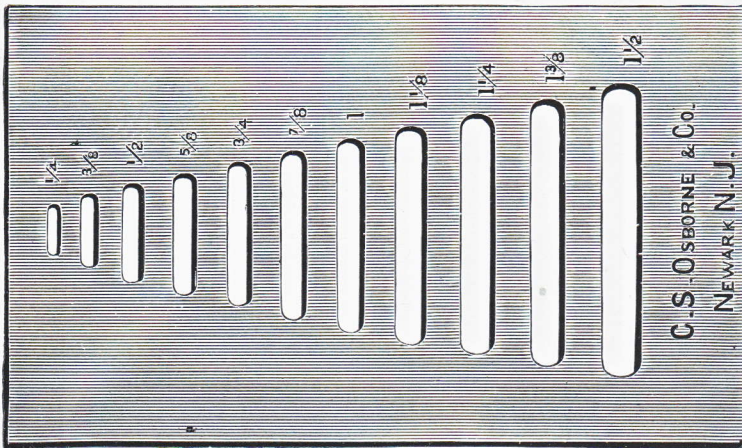
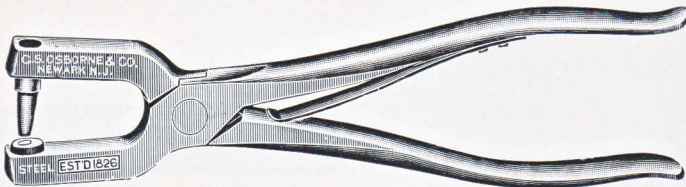


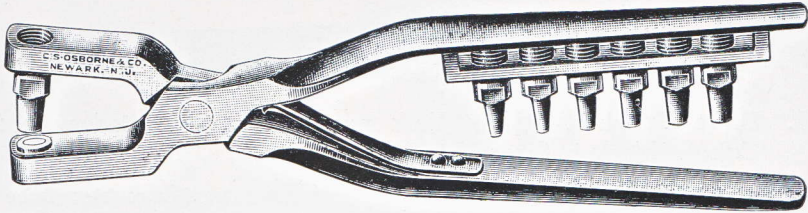
Plate showing sizes cut with No. 151 Punch.

Use a wooden or rawhide mallet— do NOT use a hammer.



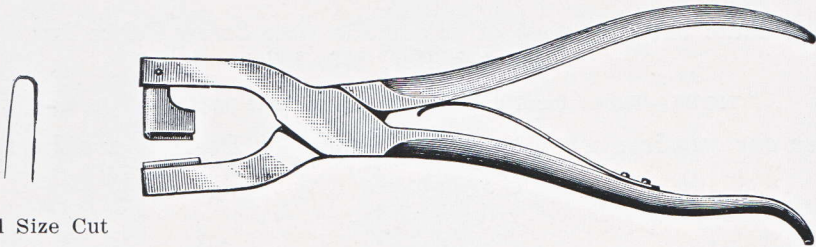
No. 153. Single Tube Spring Punches, Forged Steel Frame, Highly Polished, fitted with Screw Tube. Length, $8\frac{1}{2}$ inches. Made in Sizes 00 to 10.

NOTE—Tubes size 00 to 7 fit the same frame and are interchangeable. Tube size 8 fits No. 8 frame only. Tubes 9 and 10 fit the same frame and are interchangeable.

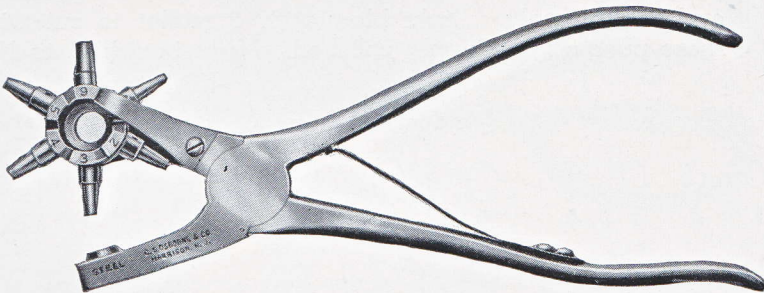


No. 153 $\frac{1}{2}$. Heavy Duty Spring Punches, with Tubes, sizes $\frac{3}{32}$, $\frac{1}{8}$, $\frac{5}{32}$, $\frac{3}{16}$, $\frac{7}{32}$, $\frac{1}{4}$, $\frac{9}{32}$

No. 153 $\frac{1}{2}$ -S. Heavy Duty Spring Punches, with one of the above tubes.
Extra Heavy, Steel Forged. Weight 1 lb., 13 oz. Length, 11 inches.



No. 154. Buckle Tongue Punches. Forged Steel Frame. Length $8\frac{1}{2}$ inches.

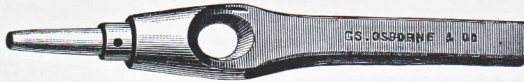


No. 155. Revolving Punches with Screw Tubes. Forged Steel. Polished Complete.

4 Tube Punch made with tubes 3, 4, 5, 6.

6 Tube Punch made with tubes 1, 2, 3, 4, 5, 6.

Tubes for this punch are not interchangeable with tubes for No. 153 Punch.



No. 157. Drive Punches. (New York pattern, Handle fitted with Screw Tube). Made in Sizes 00 to 10.

NOTE—Tubes size 00 to 7 fit the same holder and are interchangeable; Tube size 8 fits No. 8 Holder only; Tubes size 9 and 10 fit the same Holder and are interchangeable.

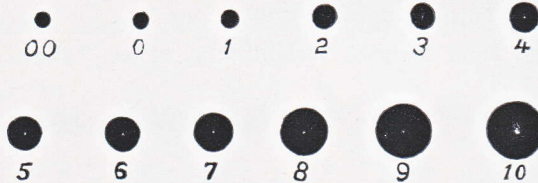


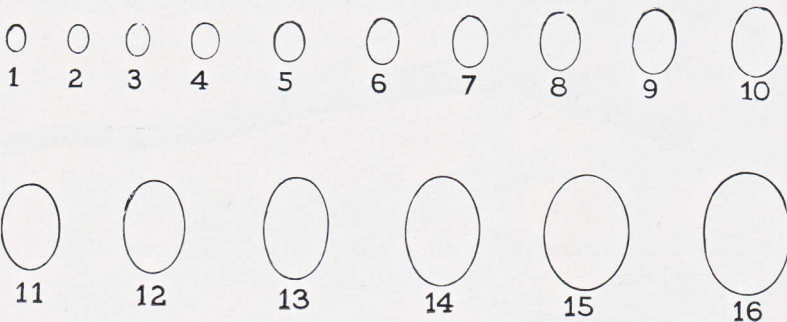
Plate showing sizes of hole made with Screw Tubes for Punches Nos. 153, 157.

NOTE—Tubes for No. 155 Punch are made in sizes 1 to 6.

Use our numbers when ordering Punches or Tubes to avoid error.



No. 158. **Oval** Drive Punches. Our Oval Punches are forged from the best grade of tool steel and carefully tempered. The hole **tapers** back from the cutting edge so that the punchings clear freely and require only a light blow with a **mallet** to cut with ease. These punches are highly polished. Made in sizes 1 to 16.

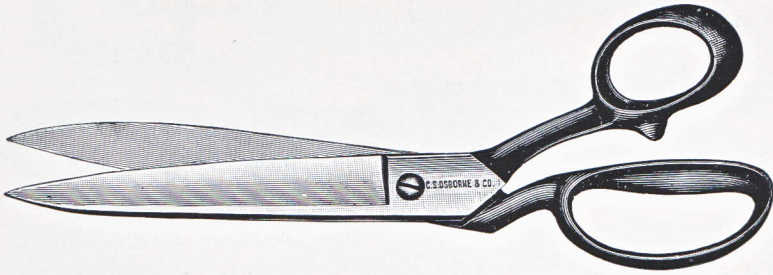


Size Cut made with No. 158 Oval Punch.

The above dimensions are actual size of holes punched.

Use a wooden or rawhide mallet—do NOT use a hammer.

SHEARS



No. 164. Bent Trimmers' Shears. Forged Steel. Japanned Handles. Nick-eled Blades. Bent Trimmers' Shears made as follows:

Full Length	Length of Cut	Weight, Each
8 in.	3 $\frac{3}{4}$ in.	6 oz.
8 $\frac{1}{2}$ in.	4 in.	6 $\frac{1}{2}$ oz.
9 in.	4 $\frac{3}{8}$ in.	7 $\frac{1}{2}$ oz.
10 in.	4 $\frac{3}{4}$ in.	11 oz.
11 in.	5 $\frac{3}{8}$ in.	15 oz.
12 in.	6 $\frac{1}{4}$ in.	18 oz.
13 in.	6 $\frac{3}{4}$ in.	23 $\frac{1}{2}$ oz.

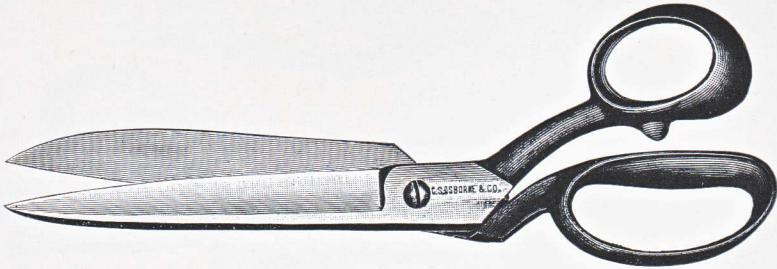
We made Left Hand Bent Trimmers' Shears in Size 10, 11 and 12 in.



No. 164 $\frac{1}{2}$. Straight Trimmers' Shears. Forged Steel. Japanned Handles. Nickerled Blades. Straight Trimmers' Shears made as follows:

Full Length	Length of Cut	Weight, Each
8 $\frac{1}{2}$ in.	4 in.	6 $\frac{1}{2}$ oz.
9 in.	4 $\frac{1}{4}$ in.	7 $\frac{1}{2}$ oz.
10 in.	4 $\frac{7}{8}$ in.	11 oz.
11 in.	5 $\frac{1}{2}$ in.	15 oz.
12 in.	6 $\frac{1}{8}$ in.	18 oz.
13 in.	7 $\frac{1}{4}$ in.	23 $\frac{1}{2}$ oz.

We make Left Hand Straight Trimmers' Shears in Size 8 and 10 in.

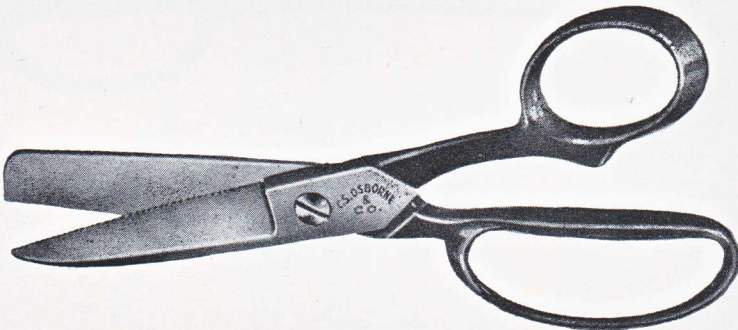


No. 192. Bent Trimmers' Shears with Raised Blades. Forged Steel. Japaned Handles. Nickered Blades. Bent Trimmers' Heavy Pattern Raised Blade Shears, made as follows:

Full Length	Length of Cut	Weight, Each
10 in.	4 ⁷ / ₈ in.	14 oz.
11 in.	5 ³ / ₈ in.	16 oz.
12 in.	6 in.	21 oz.



No. 166. Clipping or Roaching Shears, 8 inches Overall, Forged Steel, Japaned Handle, Curved Blades, Nickered. Also used for Automobile Tire Trimming.



No. 437. Leather Shears. Designed for cutting leather, belting, webbing and similar heavy material. Serrated blade prevents slipping.

Size -----	6"	9"
Length of cut --	2 ¹ / ₂	3 ³ / ₄

SPOKE SHAVES



- No. 163. Screw Spoke Shaves, Rosewood Stock, Blade 3 inch.
When Ordering New Blade Return Entire Spoke Shave.

RULES



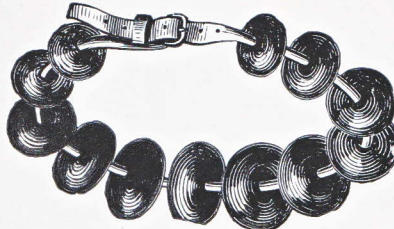
No.	Style	Graduation
160-2B	2 foot Best	8ths and 16ths
160-2C	2 foot Common	8ths only
160-3B	3 foot Best	8ths and 16ths
160-5B	5 foot Best	8ths and 16ths

Order by number only.

Trimmers' Rules are made in two, three and five-foot sizes, Best Quality and Common Quality.

The best Rule is graduated one side in eighths, the other side in sixteenths. Common Rule both sides in eighths.

ROLLERS



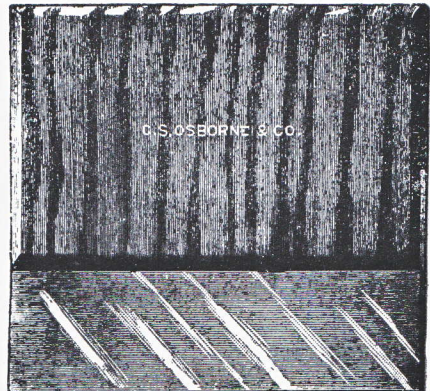
- No. 162. Trotting Rollers, Lignumvitae. Made in three sizes; "A"—Regular, "B"—Large and "C"—Extra Large.

SLICKERS

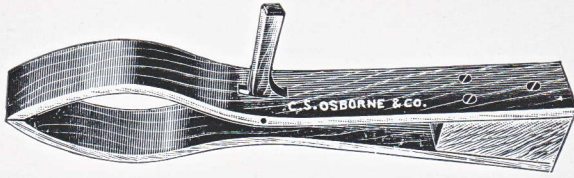
- No. 167. Glass Slickers with Handle—5 x 4 $\frac{1}{2}$ inches.

- No. 167-X. Glass Slickers without Handle—5 x 3 inches.

- No. 168. Lignumvitae Slickers — 5 x 4 inches.

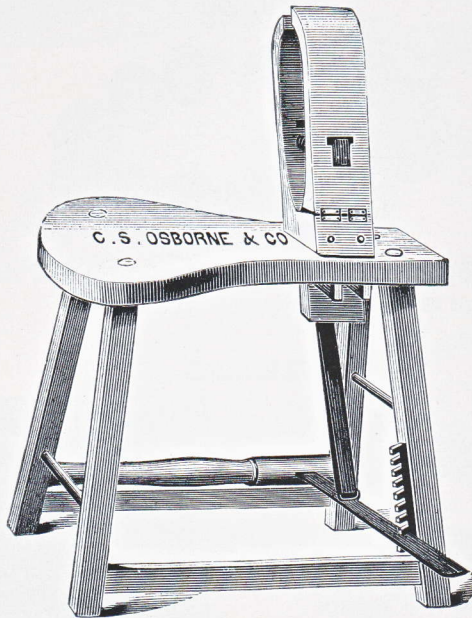


JAW CLAMPS

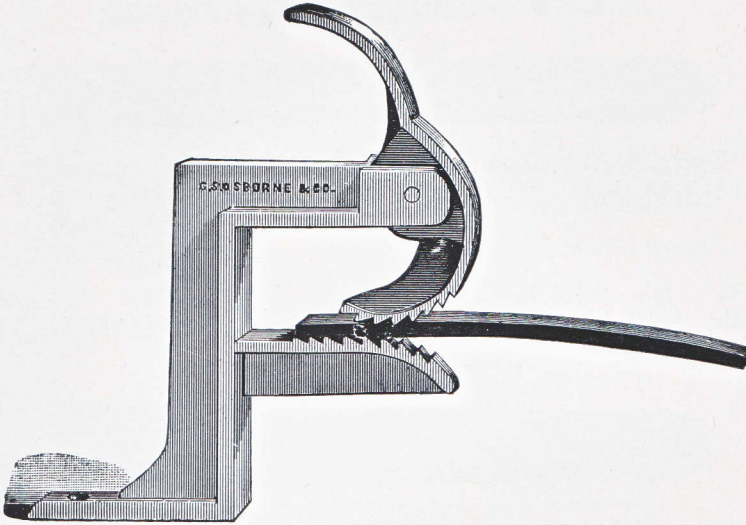


No. 189. Jaw Clamps, Width of Jaws $3\frac{5}{8}$ inches, Length 28 inches, Weight $4\frac{1}{4}$ lbs.

STITCHING HORSE

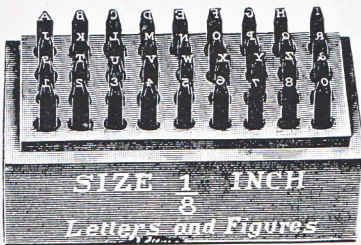


No. 170. Saddlers' Stitching Horse, well constructed, carefully finished, and should last a lifetime. This Horse is put together with wood pins, and can be taken apart and packed in a very small space. Width of Jaws 5 inches, Shipping Weight 36 lbs.



No. 195. Strap Holder. The Osborne strap holder is an indispensable fixture in all shops where hard leather work is done. It instantly holds or releases at will end of strap so mechanic can edge or punch same.

HANDCUT LETTERS AND FIGURES



NAME STAMPS



Letters and Figures are put up in Wood Boxes. Steel Name Stamps Made to Order. Prices Upon Application.

For stamping leather, metal or other substance made in the following sizes:

Figures

Size, (inch) $\frac{1}{32}$, $\frac{1}{16}$, $\frac{3}{32}$, $\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$

Letters

Size, (inch) $\frac{1}{32}$, $\frac{1}{16}$, $\frac{3}{32}$, $\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$

Single Letters or Figures are furnished as required.

LOOP STICKS



No. 198. Straight Wood Loop Sticks. Set of 10 Hickory Loop Sticks, $\frac{3}{8}$ to $1\frac{1}{2}$ ".

No. 199. Straight Steel Loop Sticks. Sizes

Width	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$
Thickness	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{7}{32}$	$\frac{1}{4}$	$\frac{9}{32}$	$\frac{5}{16}$	$\frac{11}{32}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{7}{16}$	$\frac{1}{2}$

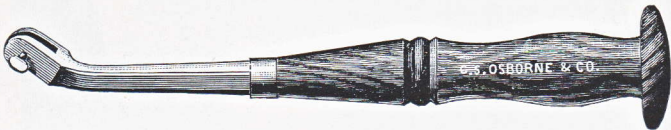


No. 205. Taper Wood Loop Sticks. Set of 10 Taper Hickory Loop Sticks, Sizes $\frac{3}{8}$ to $1\frac{1}{2}$ inches.

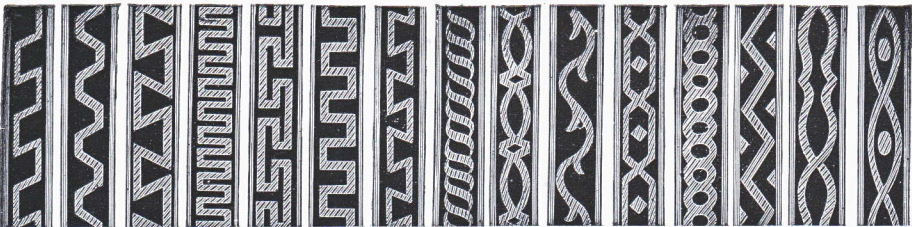
No. 206. Taper Steel Loop Sticks. Sizes

Width	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Taper Thickness	$\frac{1}{8}$ to $\frac{1}{4}$	$\frac{3}{16}$ to $\frac{5}{16}$	$\frac{1}{4}$ to $\frac{3}{8}$	$\frac{1}{4}$ to $\frac{7}{16}$
Width	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
Taper Thickness	$\frac{1}{4}$ to $\frac{1}{2}$	$\frac{1}{4}$ to $\frac{1}{2}$	$\frac{1}{4}$ to $\frac{9}{16}$	$\frac{1}{4}$ to $\frac{5}{8}$
Width	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	
Taper Thickness	$\frac{3}{16}$ to $\frac{5}{8}$	$\frac{3}{8}$ to $\frac{3}{4}$	$\frac{7}{16}$ to $\frac{7}{8}$	

EMBOSSING WHEELS AND CARRIAGES



No. 193. Carriages for Hand Embossing Wheels, 11 inches Overall.



No. 194. Hand Embossing Wheels to fit in No. 193 Carriage.
Cuts Are Actual Size of Wheels.

PINKING IRONS—Forged Steel—Polished.



No. 65. Straight Diamond, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 inch.



No. 65 $\frac{1}{2}$. Straight Scallop, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 inch.

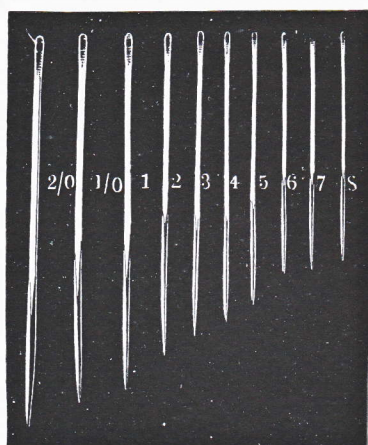


No. 66. Half-Round Diamond, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 inch.



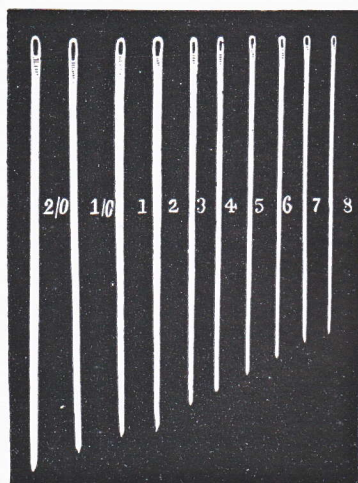
No. 66 $\frac{1}{2}$. Half-Round Scallop, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 inch.

Larger Size Pinking Irons made to order.

GLOVERS' NEEDLES

Actual Size

Glovers' Needles. Egg Eye. Made in sizes 1 to 7. Extra sizes Nos. 0, 00, 000. 25 Needles to a Paper. These Needles are made 3 Square Sharp Point.

EGG-EYE HARNESS NEEDLES

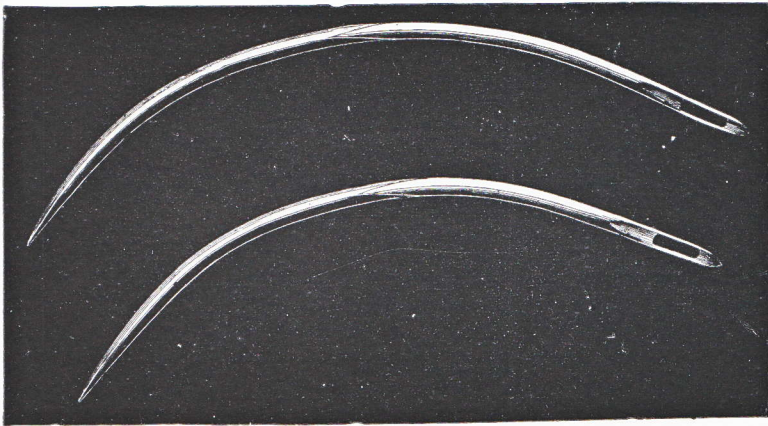
Actual Size

Harness Needles, Egg Eye. Made in sizes 1 to 7. Extra sizes Nos. 0, 00, 000. 25 Needles to a Paper. Blunt Point.

COLLAR NEEDLES

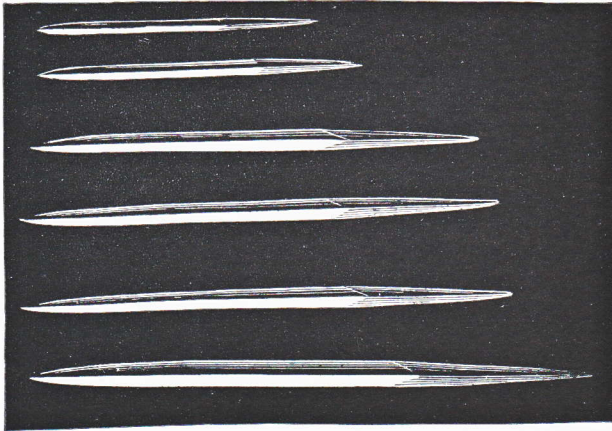


No. 92. Collar Needles. Regular Bend. Sizes 3, $3\frac{1}{2}$, 4, $4\frac{1}{2}$, 5, $5\frac{1}{2}$, 6, $6\frac{1}{2}$, 7, $7\frac{1}{2}$, 8 inch. Packed 1 dozen.



No. 92 $\frac{1}{2}$. Collar Needles, Half Moon. Sizes 3, $3\frac{1}{2}$, 4, $4\frac{1}{2}$, 5, $5\frac{1}{2}$, 6, $6\frac{1}{2}$, 7, $7\frac{1}{2}$, 8 inch. Packed 1 dozen.

SADDLERS' HARNESS AWLS

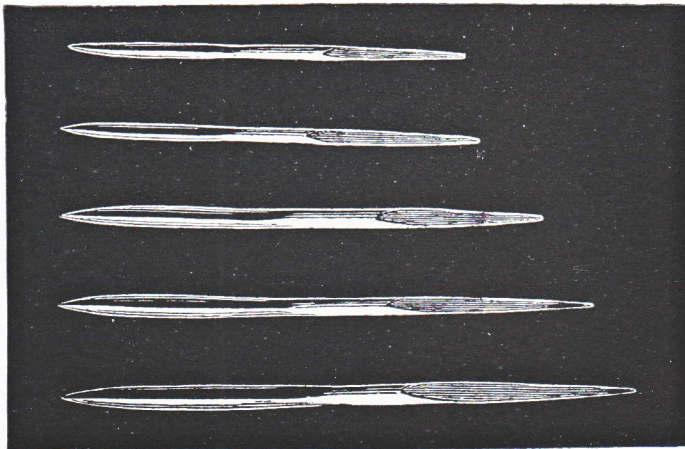


Nos.	42	43	44	45	46	47	48
Length	1 $\frac{5}{8}$	1 $\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	2 $\frac{5}{8}$	2 $\frac{3}{4}$
Nos.	49	50	51	52	X	XX	XXX
Length	2 $\frac{7}{8}$	3	3 $\frac{1}{8}$	3 $\frac{1}{4}$	3 $\frac{3}{8}$	3 $\frac{1}{2}$	3 $\frac{5}{8}$
							4 inch

Assorted Sizes Nos. 43 to 48. Length 1 $\frac{3}{4}$ to 2 $\frac{3}{4}$ inches.

Packed 1 Gross Awls to a Wrapper

SADDLERS' STITCHING AWLS

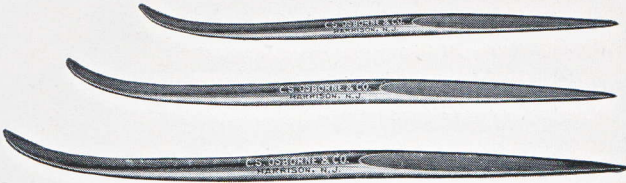


Nos.	53	54	55	56	57	58	59
Length	1 $\frac{3}{4}$	2	2 $\frac{1}{8}$	2 $\frac{1}{4}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$	3 inch

Assorted Sizes Nos. 53 to 58. Length 1 $\frac{3}{4}$ to 2 $\frac{3}{4}$ inches.

Packed 1 Gross Awls to a Wrapper

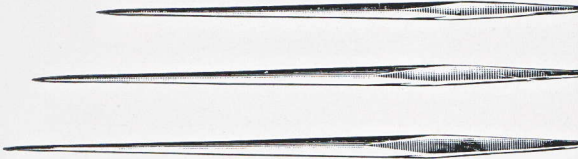
CURVED SEWING AWLS



Small— $2\frac{1}{2}$; Medium—3 ; Large— $3\frac{1}{2}$

Packed 1 Gross to a Wrapper

STABBING AWLS, ROUND POINT

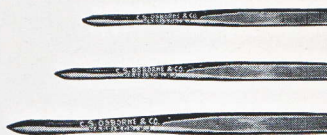


Length, $1\frac{3}{4}$, $1\frac{7}{8}$, 2, $2\frac{1}{4}$, $2\frac{3}{8}$, $2\frac{1}{2}$, $2\frac{3}{4}$, 3 inches

For further information on Needles and Awls as well as Upholstery Needles, see illustrated Price Sheet.

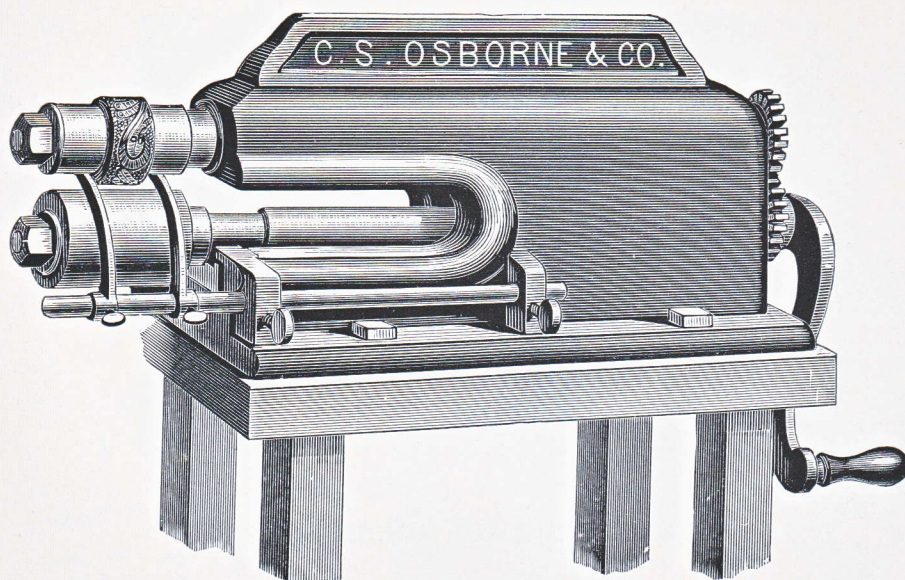
Packed 1 Gross to a Wrapper

PEGGING AWLS



Length, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$ inches.

Packed 1 Gross Awls to a Wrapper

EMBOSSING MACHINE AND WHEELS

No. 179. Embossing Machine

EMBOSSING WHEELS

Illustrations of Embossing Rolls sent upon request.

SADDLE STAMPS

Catalogue illustrating Saddle Stamps sent upon request.



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